```java
public class exception
{
        static int num=50;
        static void func()throws ArithmeticException
        {
                if(num>10)
                        throw new ArithmeticException("Exception by Throw\n");
                else
                        System.out.println("Num < 10\n");
        }
        public static void main(String args[])
        {
                try
                {
                        num=52/0;
                }
                catch(Exception e)
                {
                        System.out.println("Exception Caught by Try and Catch : "+e+"\n");
                }
                try
                {
                        try
                        {
                                int num=52/0;
                        }
                        finally
                        {
                                System.out.println("Finally Exception Executed");
```

```
				}

			}

			catch(Exception f)

			{

					System.out.println("Exception Caught by Try and Catch from Finally : "+f+"\n");

			}

			try

			{

					exception.func();

			}

			catch(Exception g)

			{

					System.out.println("Exception Caught by Try and Catch from Throws : "+g+"\n");

			}

		}

	}
```